FORM PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark	Attorney Docket No.: UM-04985	Serial No.: 09/751,493
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use Several Sheets If Necessary)		Applicant: Mark A. Burns *et al.*	
(37 CFR § 1.98(b))		Filing Date: 12/28/00	Group Art Unit: 1634

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
BLA	1	4,683,195	07/28/87	Mullis *et al.*	435	6	02/07/86
	2	4,683,202	07/28/87	Mullis *et al.*	435	91	10/25/86
	3	5,091,328	02/25/92	W. Miller	437	52	11/21/89
BL1	4	4,829,324	5/09/89	Drake *et al.*	346	140	12/23/87

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation Yes	Translation No
BLA	5	2672301	8/1992	FR				

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

BLA	6	Marmur and Lane, "Strand Separation and Specific Recombination in Deoxyribonucleic Acids: Biological Studies," *Proc.Nat.Acad.Sci., U.S.A.* 46, 453 (1960)
	7	Doty *et al.*,"Strand Separation and Specific Recombination in Deoxyribonucleic Acids: Physical Chemical Studies," *Proc.Nat.Acad.Sci., U.S.A.* 46, 461 (1960)
	8	Hayashi *et al.*,"Restriction of in Vivo Genetic Transcription to one of the Complementary Strands of DNA," *Proc.Nat.Acad.Sci., U.S.A.* 50, 664 (1963)
	9	Smith and Wilcox, "A Restriction Enzyme from Hemophilus influenzae," *J.Mol.Biol.* 51, 379 (1970)
	10	Southern, "Detection of Specific Sequences Among DNA Fragments Separated by Gel Electrophoresis," *J.Mol.Biol.* 98, 503 (1975)
	11	Maxam and Gilbert, "A new method for sequencing DNA," *Proc. Natl. Acad Sci. USA* 74:560 (1977)
	12	Sanger *et al.*, "DNA sequencing with chain-terminating inhibitors," *Proc. Natl. Acad Sci. USA* 74:5463 (1977)
	13	Graham *et al.*, "Direct DNA sequencing using avian myeloblastosis virus and Moleney murine leukemia virus reverse transcriptase" Bethesda Res. Lab. Focus 8(2):4 (1986)
	14	Sambrook, J. *et al.* Molecular Cloning, A Laboratory Manual, 2d Ed. Cold Spring Harbor Laboratory Press, New York, 13.7-13.9
	15	Hunkapiller M.W., "Advances in DNA sequencing technology," *Curr. Op. Gen. Devl.* 1:88-92 (1991)
	16	Tabor *et al.*, "DNA sequence analysis with a modified bacteriophage T7 DNA polymerase," *Proc. Natl. Acad. Sci. USA* 84:4767 (1987)
	17	Innis *et al.*, "DNA sequencing with Thermus aquaticus DNA polymerase and direct sequencing of polymerase chain reaction-amplified DNA," *Proc. Natl. Acad. Sci. USA* 85:9436 (1988)
	18	J. Pfahler *et al.*, "Liquid Transport in Micron and Submicron Channels," *Sensors and Actuators*, A21-A23, pp. 431-434 (1990)
	19	H.T.G. Van Lintel *et al.*, "A Piezoelectric Micropump based on Micromachining of Silicon," *Sensors and Actuators* 15:153-167 (1988)
	20	Smits, "Piezoelectric Micropump with Three Valves Working Peristaltically," Sensors and Actuators A21-A23:203 (1990)
	21	Mullis and Faloona, "Specific Synthesis of DNA *in Vitro* via a Polymerase-Catalyzed Chain Reaction," Meth. Enzym. 155:335 (1987)
	22	Arnheim, "Polymerase Chain Reaction Strategy," Annu. Rev. Biochem. 61:131 (1992)
	23	Nickerson *et al.*, "Automated DNA diagnostics using an ELISA-based oligonucleotide ligation assay," Proc. Nat. Acad. Sci. USA 87:8923 (1990)
	24	Gordon *et al.*, "Capillary Electrophoresis," Science 27:224 (1988)
BLA	25	Lawrence Berkeley Lab Presentation, Park City, Utah (1993)

Examiner: B L. Larson — Date Considered: 9/6/05

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

BL	26	Turner, "New Dimensions in Capillary Electrophoresis Columns," LC-GC vol. 9 (1991)
	27	Heller and Tullis, "Microelectrophoresis for the separation of DNA fragments," Electrophoresis 13:512 (1992)
	28	Manz *et al.*, "Planar chips technology for miniaturization and integration of separation techniques into monitoring systems Capillary electrophoresis on a chip," J. Chrom. 593:253 (1992)
	29	Jorgenson and Lukacs, "High-Resolution Separations Based on Electrophoresis and Electroosmosis," J. Chrom. 218:209 (1981)
	30	Ansorge *et al.*, "High-throughput automated DNA sequencing facility with fluorescent labels at the European Molecular Biology Laboratory," Electrophoresis 13:616 (1992)
	31	Pentoney *et al.*, "A single-fluor approach to DNA sequence determination using high performance capillary electrophoresis," Electrophoresis 13:467 (1992)
	32	Tenan *et al.*, "Friction in Capillary Systems," Journal of Applied Physics 53:6687 (1982)
	33	Dussan, "On the Spreading of Liquids on Solid Surfaces Static and Dynamic Contact Lines," Annual Review of Fluid Mechanics 11:371 (1979)
	34	Probstein, "Physicochemical Hydrodynamics," (1989)
	35	R.F. Service, "The Incredible Shrinking Laboratory," Science 268:26 (1995)
	36	Presentation at Cold Spring Harbor (August 31-September 2, 1995)
BL	37	R. Nowak, "Xeroxing DNA Analysis" pp. 1135
	38	
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